FTP

In this section you can set the following parameters:

For event files:

- FTP client status for event files
- FTP server URL for event files
- Username and password for the FTP event file client
- Root the folder on the server, and the folder where photos and videos will be uploaded
- Priority of sending files to the server and the number of files sent simultaneously
- Event file sending interface

For cyclically written files:

- FTP client status
- FTP server URL
- Username and password for the FTP
- Root the folder on the server, and the folder where photos and videos will be uploaded
- Sending interface to the server

The device also provides access to internal storage using the built-in FTP server

Figure 1 – Event FTP server

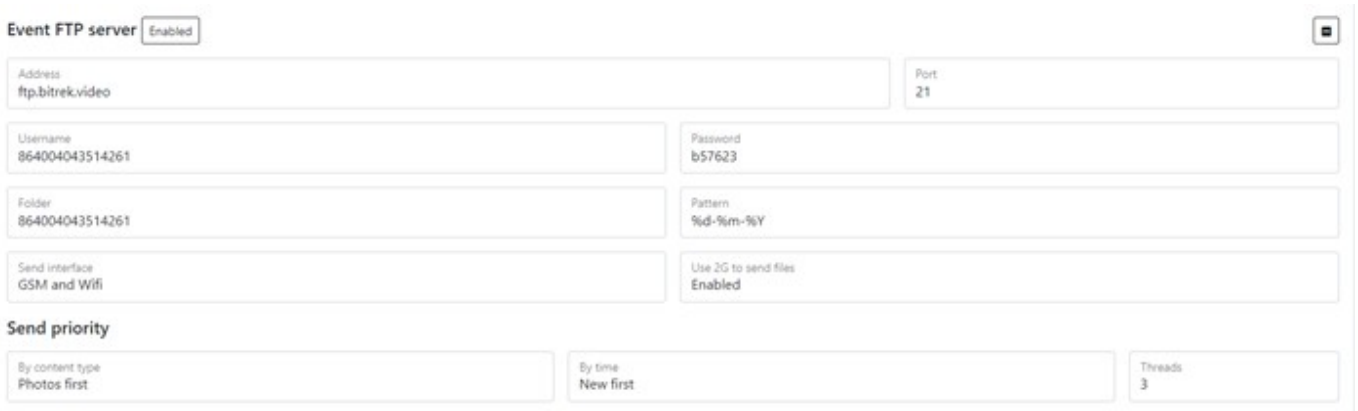

Table 1 – Event FTP server parameter description

Parameter	**Parameter description**
Address	link to FTP server to save photos and videos. Can be both site URL and IP address
Port	FTP server PORT
Username	Username for FTP server
Password	password for FTP server user

Parameter	Parameter description
Folder	The root folder in which they will be sent files from DVR. When you click on button **«Set folder value = DVR IMEI»** the folder name will be set to IMEI device. If the server does not have a folder with such a name will be an attempt to create folders when you first connect
Pattern	Set the folder creation format. Format The settings are listed in Table 2. To use a data type name (Photo or Video), you must specify a key #T
Send interface	Interface for sending to the server via Wi-Fi or through another interface
Use 2G to send files	Allow to send files with the help of the 2G connection
By content type	sending priority - first photo, then video or vice versa
By time	Priority of sending - first new files then old and vice versa
Threads	Number of streams sent to the server

Table 2 – Description of the pattern for setting the name of the created file

Pattern	Pattern description
%%	sign %
%a	Local abbreviated name of the day of the week (for example, Sun)
%A	Local full name of the day of the week (for example Monday)
%b	Local abbreviated name of the month (for example, Jan)
%B	Local full name of the month (for example, January)
%c	Local data and time (for example, thur 18 Mar 2021 10:19:29)
%C	Century; similarly %Y, except for the last two characters (for example, 21)
%d	Day of a month (for example, 01)
%D	Date; similarly %m/%d/%y
%e	Day of a month, supplemented by spaces; similarly %_d
%F	Full date ; equivalent %Y-%m-%d
%g	The last two digits of the year, which corresponds to the week number according to ISO 8601 (look %G)
%G	The year corresponding to the week number in the year according to ISO 8601 (look. %V); usually only makes sense in conjunction with %V
%h	The same, that %b
%H	Hour (00..23
%I	Hour (01..12)
%j	The number of a day in year (001..366)
%k	Hour (0..23)
%l	Hour (1..12)
%m	Month (01..12)
%M	minute (00..59)
%n	New line
%N	nanoseconds (000000000..999999999)
%p	Local equivalent AM or PM; empty if unknown
%P	similarly %p, but only in lower case
%r	Local 12-hour time (for example, 11:11:04 PM)
%R	24-hour format of hours and minutes; similarly %H:%M
%s	the number of seconds that elapsed from 1970-01-01 00:00:00 UTC
%S	second (00..60)
%t	Tabulation

Pattern	Pattern description
%T	time; similarly %H:%M:%S
%u	Day of the week (1..7); 1 means Monday
%U	the number of the week in the year that begins on Sunday (00..53)
%V	week number in the year beginning Monday, according to ISO 8601 (01..53)
%w	Day of the week (0..6), 0 means Sunday
%W	week number in the year beginning Monday (00..53)
%x	Local date display (for example, 31.12.1999)
%X	Local time display (for example, 23:13:48)
%y	Last two digits of the year (00..99)
%Y	Year
%z	Time zone in format `+hhmm`(for example, -0400)
%:z	Time zone in format `+hh:mm`(for example, -04:00)
%::z	Time zone in format `+hh:mm:ss`(for example, -04:00:00)
%:::z	Часовий пояс з достатньою кількістю двокрапок (наприклад, -04, +05:30)
%Z	time zone with enough colons (for example, -04, +05:30)

Figure 2 – Loop photo FTP server

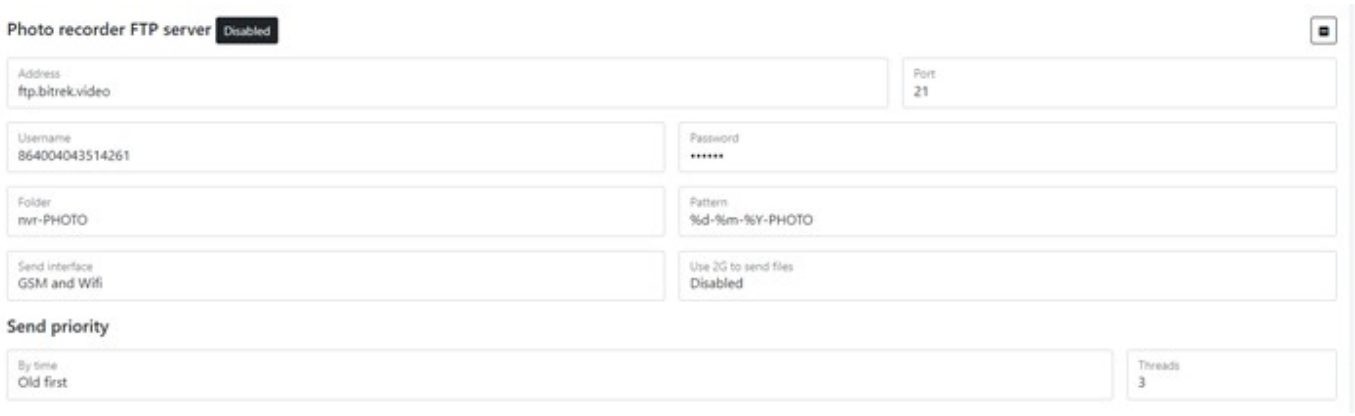

Table 3 – Loop photo client configuration

Parameter	Parameter description
Address	link to FTP server to save photos. Can be both site URL and IP address
Port	FTP server PORT
Username	Username for FTP server
Password	password for FTP server user
Folder	The root folder in which they will be sent files from DVR. When you click on button **«Set folder value = DVR IMEI»** the folder name will be set to IMEI device. If the server does not have a folder with such a name will be an attempt to create folders when you first connect
Pattern	Set the folder creation format. Format The settings are listed in Table 2.
Send interface	Interface for sending to the server via Wi-Fi or through another interface
Use 2G to send files	Allow to send files with the help of the 2G connection
By time	Priority of sending - first new files then old and vice versa

Figure 3 – Loop video FTP server

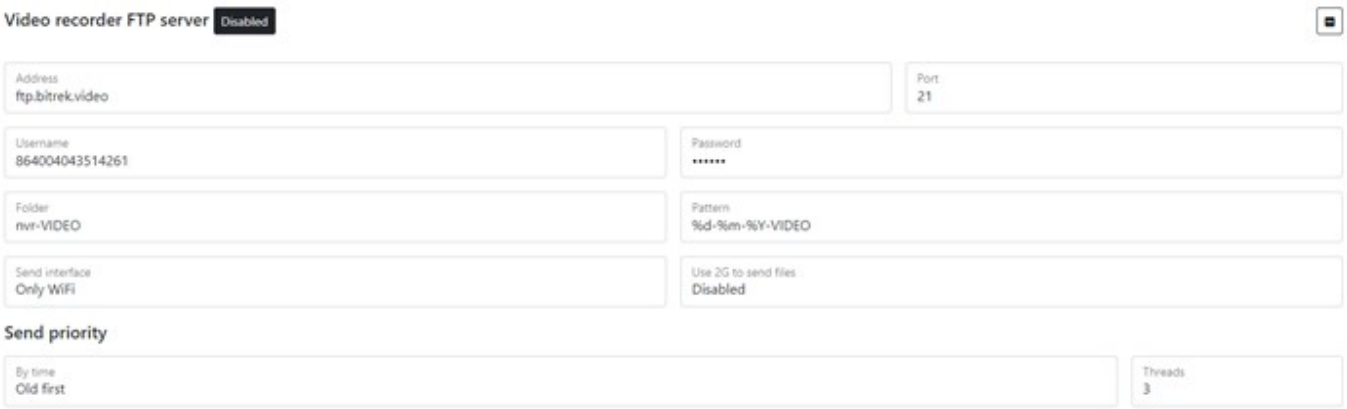

Table 4 – Loop video parameter description

Parameter	**Parameter description**
Address	link to FTP server to save videos. Can be both site URL and IP address
Port	FTP server PORT
Username	Username for FTP server
Password	password for FTP server user
Folder	The root folder in which they will be sent files from DVR. When you click on button **«Set folder value = DVR IMEI»** the folder name will be set to IMEI device. If the server does not have a folder with such a name will be an attempt to create folders when you first connect
Pattern	Set the folder creation format. Format The settings are listed in Table 2.
Send interface	Interface for sending to the server via Wi-Fi or through another interface
Use 2G to send files	Allow to send files with the help of the 2G connection
By time	Priority of sending - first new files then old and vice versa

To set the default settings, click the **Default** button. To save settings in NVR click **Save settings** button.

From:
https://docs.bitrek.video/ - **Bitrek Video Wiki**

Permanent link:
https://docs.bitrek.video/doku.php?id=en:ftpweb

Last update: **2025/08/31 23:18**